

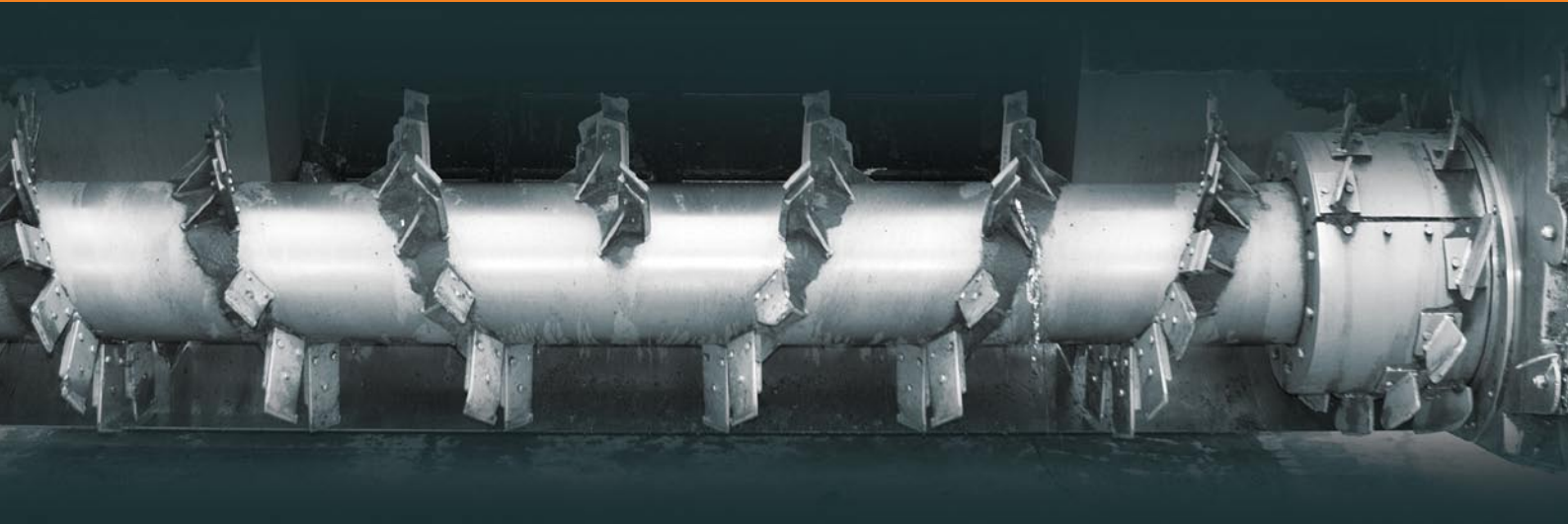
# guaranteed

The Advanced **New Earth Solutions** Waste Treatment and Resource Recovery System

Under the Waste and Emissions Trading Act 2003, local authorities were set challenging targets to reduce the amount of biodegradable waste sent to landfill. By achieving diversion rates in excess of 80% for residual waste, the New Earth process **guarantees** compliance, while maximising the value of recovered materials through recycling and the production of a solid recovered fuel.

*The New Earth process was designed to maximise diversion of biodegradable waste and the recovery of recyclables*

# residual

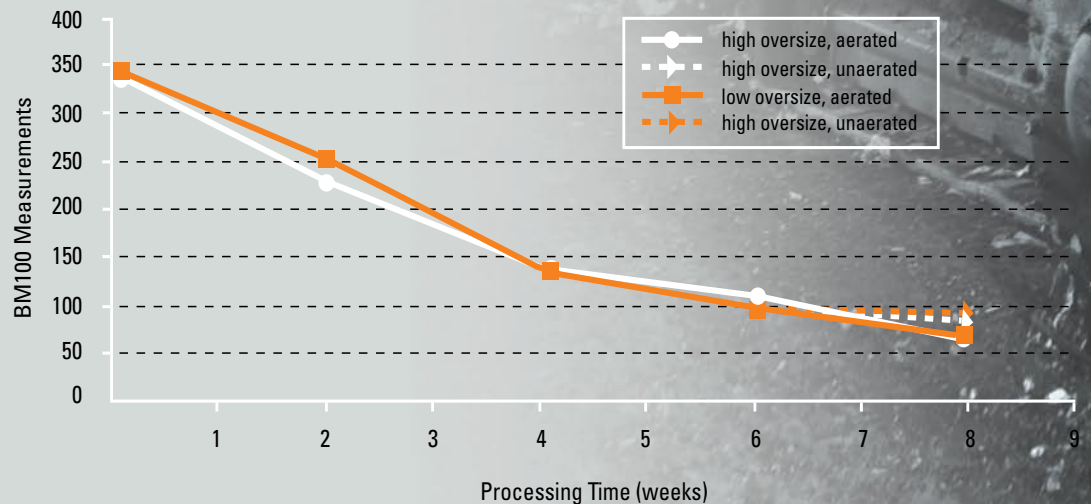


The diversion of Biodegradable Municipal Waste (BMW) from landfill is a key objective of the EU Landfill Directive. In 2001, landfills were responsible for 25% of the UK's methane emissions. To counter this, and as a mechanism to meet the Landfill Directive targets, the Waste and Emissions Trading Act stipulated that quantities of BMW going to landfill must be reduced incrementally and by 2020 to be just 35% of 1995 levels.

New Earth's processes have been designed to maximise the diversion of Biodegradable Municipal Waste, recover recyclable material and produce a solid recovered fuel in order to provide local authorities with absolute confidence in achieving increasingly tough landfill diversion and resource recovery targets.

Our Dorset reference facility has been calibrated in accordance with Environment Agency guidance and fully assessed against the BM100 and DR4 testing regime. The facility has the benefit of an approved LATS Monitoring Plan and is already delivering high rates of landfill diversion.

### **Bio Stabilisation Results**



# waste treatment



*The facility has the benefit of an approved LATS monitoring plan and is already delivering high rates of landfill diversion*

- **Guaranteed BMW Landfill Diversion**
- **LATS Compliance**
- **Recovery of Recyclables**
- **Production of Solid Recovered Fuel**
- **Significant Landfill Tax savings**



The New Earth system deals effectively with a wide range of waste streams and collection methods

Screening and separation methods ensure the maximum recovery of recyclables and solid fuel

Enclosed biostabilisation processes produce an ABPR-compliant, stabilised residue



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